

THE CURRENT LISTING OF THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. -4. (Cancelled)

5. (Currently Amended) ~~The method of claim 4, further comprising~~ A method of performing
a location service with respect to a mobile station, comprising:
communicating, by a base station to the mobile station, a paging message containing an
indication of whether the paging message is related to at least one of an emergency-related
location service and a law enforcement-related location service, the indication having a first state
to indicate that the paging message is related to at least one of the emergency-related location
service and the law enforcement-related location service, wherein the paging message is one of a
general page message (GPM) containing the indication and a universal page message (UPM)
containing the indication;
receiving information regarding the location of the mobile station,
wherein communicating the paging message comprises sending the paging message
containing a first information element to identify service option 35 or service option 36, and a
second information element to indicate whether the paging message is related to the emergency-
related location service or law enforcement-related location service; and
the[[a]] base station setting a state of the second information element based on a state of a
field in a paging request from a mobile switching center indicating whether the paging request is
related to the emergency-related location service or the law enforcement-related service.

6. - 7. (Cancelled)

8. (Previously Presented) A method of performing a location service with respect to a mobile station, comprising:

communicating a paging message in a mobile communications network containing an indication of whether the paging message is related to at least one of an emergency-related location service and a law enforcement-related location service;

communicating information regarding the location of the mobile station, wherein communicating the paging message comprises sending a paging request containing the indication from a mobile switching center to a base station;

the mobile switching center receiving a position request containing a field indicating whether the position request is related to at least one of the emergency-related location service and the law enforcement-related location service; and

the mobile switching center setting a state of the indication in the paging request based on the field contained in the position request.

9. (Original) The method of claim 8, wherein receiving the position request comprises receiving an InterSystemPositionRequest INVOKE (ISPOSREQ) message containing a CTYP field, the CTYP field indicating whether the position request is related to at least one of the emergency-related location service and the law enforcement-related location service.

10. (Cancelled)

11. (Currently Amended) ~~The method of claim 1, further comprising~~ A method of performing a location service with respect to a mobile station, comprising:
communicating, by a base station to the mobile station, a paging message containing an indication of whether the paging message is related to at least one of an emergency-related location service and a law enforcement-related location service, the indication having a first state to indicate that the paging message is related to at least one of the emergency-related location service and the law enforcement-related location service;
receiving information regarding the location of the mobile station; and
sending a position determination data message (PDDM) containing an indication of whether the PDDM is related to at least one of an emergency-related location service and a law enforcement-related location service.

12. (Original) The method of claim 11, wherein sending the PDDM message comprises sending an TIA/EIA/IS-801 PDDM message.

13. (Original) The method of claim 11, further comprising:
receiving a position request containing a field indicating whether the position request is related to at least one of the emergency-related location service and the law enforcement-related location service; and
setting a state of the indication in the PDDM based on a state of the field in the position request.

14. (Original) The method of claim 13, wherein receiving the position request containing the field comprises receiving a GeoPositionRequest INVOKE (GPOSREQ) message containing a CTYP field.

15.-33. (Cancelled)